

**DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION  
Anchorage Air Route Traffic Control Center  
700 North Boniface Parkway  
Anchorage, Alaska 99506**

ISSUED: June 10, 2006

EFFECTIVE: June 15, 2006

Anchorage Air Route Traffic Control Center (ARTCC) LETTER TO AIRMEN No. 06-1

**SUBJECT:** Air Traffic Control Automatic Dependant Surveillance-Broadcast Services in Southwest Alaska

CANCELLATION: June 14, 2007

**AUTOMATIC DEPENDANT SURVEILLANCE-BROADCAST (ADS-B) SERVICES**

Beginning at 1500UTC on June 15, 2006, the Anchorage Air Route Traffic Control Center (ARTCC) will restore ADS-B Surveillance Services in Southwest Alaska. On this date, the original five Ground Based Transceivers (GBT) located at King Salmon, Dillingham, Aniak, St. Mary's and Bethel will be enabled to the Micro-En Route Radar Tracking System (MEARTS) for use by Air Traffic Controllers (ATC) in providing surveillance and separation services.

While all five GBTs will be providing surveillance to Anchorage ARTCC, ATC services will be limited to an area that encompasses Bethel, Aniak and St. Mary's. Within this defined area, separations services will be as follows:

- . Between ADS-B displayed aircraft – 5 nautical miles
- . Between secondary/primary displayed aircraft – 5 nautical miles
- . Between ADS-B and secondary/primary displayed aircraft – non-radar separation

Phraseology that will be used is similar to that which can be found in the Aeronautical Information Manual paragraph 4-5-7, Automatic Dependant Surveillance-Broadcast Services. A summary is as follows:

To inform a flight crew that its ADS-B transmitter appears to be inoperative or malfunctioning:

*PHRASEOLOGY –*

*(Identification) ADS-B TRANSMITTER APPEARS TO BE  
INOPERATIVE/MALFUNCTIONING*

To inform a flight crew, when appropriate, to turn off its ADS-B transmitter.

*PHRASEOLOGY –*

*(Identification) STOP ADS-B TRANSMIT*

To inform a flight crew, when appropriate, to turn off its ADS-B altitude reporting.

*PHRASEOLOGY-*

*STOP ADS-B ALTITUDE TRANSMIT*

It is important to note that pilots play an important role in the success of this effort by ensuring that your ATC assigned transponder code is input into your ADS-B transmitters and your transponder. When canceling your IFR or operating VFR, pilots should reset both the ADS-B transmitter and transponder to 1200.

A handwritten signature in black ink, appearing to read 'K. Ford' with a stylized flourish at the end.

Kevin Ford

Air Traffic Manager

Anchorage Air Route Traffic Control Center

